

We claim:

1. An apparatus for securing a panel in a suspended ceiling system having a plurality of suspension elements, the apparatus comprising:

a border structure for attachment of the panel to the suspension element, the border structure including a plurality of horizontal and vertical surface members, wherein a horizontal surface member is inserted into a hanger secured to a suspension element, and wherein another horizontal surface member supports a panel.
2. The apparatus of claim 1 further comprising a plug-in clip to secure the hanger to the suspension element.
3. The apparatus of claim 1 further comprising a spring clip, the spring clip keeping a cut end of a border panel from displacement from the border structure during a seismic event.
4. The apparatus of claim 1, wherein the border panel has a cut end supported by the border structure and an uncut end supported by a grid element which is attached to a suspension element.
5. The apparatus of claim 4, wherein the grid element is attached to the suspension element by a hanger.
6. The apparatus of claim 4, wherein the grid element is a J-bar structure.

7. The apparatus of claim 1, wherein the suspension element is a U-profile structure.

8. The apparatus of claim 1, wherein the border structure is fabricated from a metal sheet.

9. The apparatus of claim 1, wherein the border structure is formed by an extrusion of metal.

10. The apparatus of claim 1, wherein the border structure is roll-formed from a metal sheet.

11. A system for securing a border panels comprising:

a plurality of suspension elements;

a plurality of border structures, each border structure being secured to at least one of the plurality of suspension elements and supporting an end of a border panel;

a plurality of grid elements, each grid element being secured to a suspension element and supporting an end of a border panel;

a plurality of hangers, each hanger having a slot for attaching the plurality of a border elements and the plurality of grid elements to the suspension elements.

12. The system of claim 11, wherein each border structure includes a plurality of horizontal and vertical surface members, a first horizontal surface member being inserted into a

hanger and secured to the suspension element and a second horizontal surface member supporting the end of a panel inserted into the border structure between the first and second horizontal surface members.

13. The system of claim 11, further comprising a plurality of plug-in clips which secure the plurality of hangers to the plurality of suspension elements.

14. The system of claim 11, wherein the plurality of suspension elements are U-profile structures.

15. The system of claim 11, wherein the plurality of grid elements are J-bar structures.

16. The system of claim 11, wherein the plurality of border structures are formed by metal extrusions.

17. The system of claim 11, wherein the plurality of border structures are roll-formed from metal sheets.

18. The system of claim 11, wherein each border structure further comprises a spring hold down clip to secure a cut end of the panel from displacement from the border structure during a seismic event.

19. The system of claim 11, further comprising a plurality of panels, each panel having a cut end being supported by a border structure and an uncut end being supported by-a grid element.

20. A border structure comprising:

a first horizontal surface member for supporting an end portion of a panel;

an second horizontal surface member;

a third horizontal surface member positioned between the first and second

horizontal surface members;

a first vertical section adjoining the first horizontal surface member and the third horizontal surface member to provide a step molding; and

a second vertical section adjoining the second horizontal surface member and the third horizontal to provide a perimeter molding.

21. The border structure of claim 20, wherein each of the first and second vertical sections include a pair of hold down clip flanges which extend horizontally from the first and second vertical sections.

22. The border structure of claim 20, wherein the end portion of the panel is cut before placement on the first horizontal surface member.

23. The border structure of claim 20, wherein the border structure is formed by a metal extrusion.

24. The border structure of claim 20, wherein the border structure is fabricated from a metal sheet.

25. A border structure comprising:

- a vertical section having first and second edges;
- a first surface member extending horizontally from the first edge; and
- a second surface member extending horizontally from the vertical section and being spaced apart from the first surface member;

whereby the border structure covers the framework of an adjacent suspension system.

26. The border structure of claim 25, wherein the second horizontal surface member has a first portion extending horizontally from the vertical section and a second portion extending horizontally in a plane offset from the first portion, the second portion being connected to and spaced vertically apart from the first portion by an intervening substantially vertical portion.

27. The border structure of claim 25, further comprising a third surface member extending horizontally from the second edge of the vertical section.